DERWENT-ACC-NO: 1992-348075

DERWENT-WEEK: 199242

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TITLE: Restoration of graphite crucibles - uses mutually

opposed threaded

plugs precoated with carbon-contg. polymer, in the

drilled-out crucible walls

INVENTOR: FILIMONOV, V I; MURAVEV I YU, ; TRAPEZNIKOV, D A

PATENT-ASSIGNEE: RAILWAY TRANSP RES INST[RATR]

PRIORITY-DATA: 1989SU-4703240 (June 8, 1989)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE

PAGES MAIN-IPC

SU 1699755 A1 December 23, 1991 N/A

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APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO

APPL-DATE

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June 8, 1989

INT-CL (IPC): B23P006/00

ABSTRACTED-PUB-NO: SU 1699755A

BASIC-ABSTRACT: Process for repairing graphite crucibles used for melting of

used for mercing of

highly reactive metals and alloys employs drilling out (3)

of the defect in the

wall (2), tapping it and plugging it with two mutually

opposed plugs (4,5) of

the same material. The plugs are tightened to a specified

compression in the

range of 0.2-1.5 MPa and, prior to assembly, are coated

with a carbon polymer

selected from phenol-formaldehyde, bakelite lacquer and furfuryl alcohol.

ADVANTAGE - The operational reliability of the process is obtd. Bul.47/23.12.91

CHOSEN-DRAWING: Dwg.3/3

TITLE-TERMS:

RESTORATION GRAPHITE CRUCIBLE MUTUAL OPPOSED THREAD PLUG

PRECOAT CARBON CONTAIN

POLYMER DRILL CRUCIBLE WALL

DERWENT-CLASS: A88 L02 M25 P56

CPI-CODES: A12-B08; A12-W12F; A12-W12G; L02-H04; M25-J;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

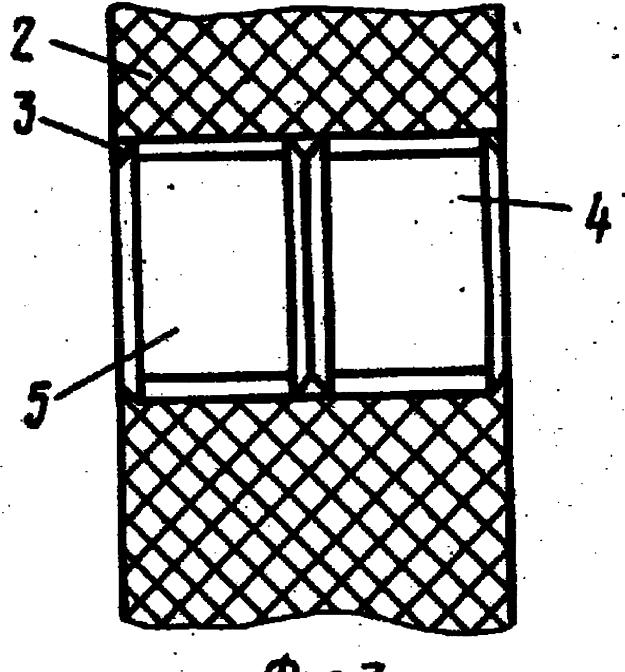
Key Serials: 0231 1277 1310 1357 1379 1517 1996 2729 3314
Multipunch Codes: 014 04- 080 14& 140 153 180 213 214 215

23& 231 236 445 477

52& 678 681

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-154550 Non-CPI Secondary Accession Numbers: N1992-265614



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